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Characteristics

Classification

PARTIALLY DEGLYCOSYLATED  
GLUCOCERAMIDASE

Release Date: 06-Dec-2006 Exp. Method:

Resolution: 2.90 Å

Hydrolase



Compound

Polymer: 1 Molecule: GLUCOSYLCER/  
Fragment: RESIDUES 40-536 Chains: ,

no.: 3.2.1.45

Polymer: 2 Molecule: SUGAR (2-MER)

Polymer: 4 Molecule: SUGAR (5-MER)

Polymer: 5 Molecule: SUGAR (3-MER)

Brumshtein, B., Wormald, M.R., Sil I., Futerman, A.H., Sussman, J.L.

Authors

Release Date: 03-Jul-2003 Exp. Method:

Resolution: 2.00 Å

Hydrolase

 1ogs

Characteristics

Classification

HUMAN ACID-BETA-GLUCOSIDASE



Compound

Polymer: 1 Molecule: GLUCOSYLCER/

Chains A,B EC no.: 3.2.1.45

Polymer: 2 Molecule: SUGAR (2-MER)

Dvir, H., Harel, M., McCarthy, A.A.,

L., Silman, I., Futerman, A.H., Sus

J.L., Israel Structural Proteomics C

 1y7v

Characteristics

X-ray structure of human acid-beta  
glucosidase covalently bound to  
conduroit B epoxide

Release Date: 12-Apr-2005 Exp. Method:

Resolution: 2.40 Å



	<b>Classification</b>	Hydrolyase
	<b>Compound</b>	Polymer: 1 Molecule: Glucosylceramida Mutation: R495H Chains: A,B EC no.: 3 Polymer: 2 Molecule: SUGAR (2-MER)
	<b>Authors</b>	Premkumar, L., Sawkar, A.R., Bold S., Toker, L., Silman, I., Kelly, J.W. A.H., Sussman, J.L., Israel Structure Proteomics Center (ISPC)
<input checked="" type="checkbox"/> 2nsx		Structure of acid-beta-glucosidase with pharmacological chaperone provides insight into Gaucher disease
	<b>Characteristics</b>	Release Date: 26-Dec-2006 Exp. Method: Resolution: 2.11 Å
	<b>Classification</b>	Hydrolyase
	<b>Compound</b>	Polymer: 1 Molecule: Glucosylceramida Chains: A,B,C,D EC no.: 3.2.1.45 
	<b>Authors</b>	Lieberman, R.L., Petsko, G.A., Ring
<input checked="" type="checkbox"/> 2nt0		Acid-beta-glucosidase low pH, glycerol bound
	<b>Characteristics</b>	Release Date: 26-Dec-2006 Exp. Method: Resolution: 1.79 Å
	<b>Classification</b>	Hydrolyase
	<b>Compound</b>	Polymer: 1 Molecule: Glucosylceramida Chains: A,B,C,D EC no.: 3.2.1.45 
	<b>Authors</b>	Lieberman, R.L., Petsko, G.A., Ring
<input checked="" type="checkbox"/> 2nt1		Structure of acid-beta-glucosidase at neutral pH
	<b>Characteristics</b>	Release Date: 26-Dec-2006 Exp. Method: Resolution: 2.30 Å
	<b>Classification</b>	Hydrolyase
	<b>Compound</b>	Polymer: 1 Molecule: Glucosylceramida Chains: A,B,C,D EC no.: 3.2.1.45 
	<b>Authors</b>	Lieberman, R.L., Petsko, G.A., Ring